



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



September 11, 2002
Letter of Deficiency
DAM #008.05

Roberta and Arthur Guidi
11 Drawbridge Road
Westford, MA 01880

RE: Sucker Brook Dam, Andover

Dear Mr. and Mrs. Guidi:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on December 6, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

There is brush present immediately downstream of the left and right abutments; and

2. There is no operation and maintenance plan (O&M) on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

November 1, 2002:

1. Remove the brush at the downstream right and left abutments within 10 feet of the toe of the dam;
2. Repair the void in the soil immediately downstream of the left concrete abutment;
3. Repair deteriorated concrete on the downstream supports of the stoplog bay; and
4. Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Refer to the enclosed guidelines.

Due to the time that has lapsed as well as additional deficiencies observed as a result of the December 6, 2002 inspection, DES will be officially closing out the 1995 and 1997 LODs. Enclosed are copies for your reference. It is our hope that the additional deficiencies as well as the outstanding deficiencies will be addressed within the schedule indicated above.


DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

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Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,



Amy C. Clark, P.E.
Dam Safety Engineer

Attachments Copy of 95&97 LOD, Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule✓

Town of Andover

Certified # 7000 1670 0000 0586 0769

ACC/was/h:/safety/wendy/lod/008-05lod.doc



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Intent to Complete Repairs

DAM #008.05

DAM Sucker Brook 1 Dam

Department of Environmental Services
State Dam Safety Program
Water Division, Dam Bureau
6 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095

RE: Letter of Deficiency: Issued on September , 2002

Dear Dam Safety Program:

In response to the above referenced Letter of Deficiency (LOD), I concur with the Department of Environmental Service's recommendations, and specifically agree to complete the following items by the indicated schedule.

DATE: November 1, 2002:

1. Remove the brush at the downstream right and left abutments within 10 feet of the toe of the dam;
2. Repair the void in the soil immediately downstream of the left concrete abutment;
3. Repair deteriorated concrete on the downstream supports of the stoplog bay; and
4. Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Refer to the enclosed guidelines.

In lieu of the above, you may propose adjustments to the content or schedule associated with the requested repairs/work. (please state reasons for proposal and use reverse side if more space is needed).

Signature of Owner: _____

_____ (print name)

Date: _____

ENG-: ACC